

# DRAFT

Re: U.S.S.N. 08/183,594

At page 11, para. 4, line 6, after "process" insert --the data in processor 1004,--.

At page 11, para. 4, line 6, after "data" insert --on printer 1008--.

At page 16, para. 2, line 1, delete "800".

At page 16, para. 2, line 1, replace "802" with --800--.

## In the Claims:

1. (Amended). A portable distance tracking system for use by a player on a playing field, wherein said playing field includes at least a first land mark, and wherein said system comprises at least one mobile interface unit including:

A. a memory element including means for storing digitized map representations of at least one said playing field;

B. position interface electronics including means for receiving position indicative signals from an external source, said external source comprising a Global Positioning System satellite constellation located in orbit around the Earth, wherein said position indicative signals are representative of a geographical location of said mobile interface unit, and said position interface electronics includes a first GPS receiver for receiving said position indicative signals from said Global Positioning System satellite constellation, and a first GPS processor having a means for processing said position indicative signals to determine said geographical location of said mobile interface unit;

C. a data processor, coupled to said memory element and to said position interface electronics, and including means for corresponding said geographical location of said mobile interface unit with said digitized map representation of said playing field to determine a field

**DRAFT**

Re: U.S.S.N. 08/183,594

location of said mobile interface unit on said playing field, and means for determining a distance between said mobile interface unit and said first landmark; and

D. a player interface, coupled to said data processor, and including means for communicating at least said distance between said mobile interface unit and said landmark to said player.

**Cancel claim 2.**

3. (Amended) A portable distance tracking system according to claim [2] 1 wherein said system further comprises a GPS master unit, wherein said GPS master unit is positioned at a fixed location having known longitude and latitude coordinates and includes:

A. a second GPS receiver for receiving said position indicative signals from said Global Positioning System satellite constellation, and a second GPS processor having means for processing said position indicative signals to determine a calculated longitude and a calculated latitude for said fixed location of said GPS master unit,[:] and

B. wireless transmission means for transmitting an error correction signal to said mobile interface unit, wherein said error correction signal is based at least in part on a difference between said known longitude and latitude and said calculated longitude and latitude, and wherein

said position interface electronics includes [C.] wireless reception means for receiving said error correction signal from said GPS master unit, and said first GPS processor includes means for

**DRAFT**

Re: U.S.S.N. 08/183,594

processing said error correction signal with said position indicative signals to determine a corrected geographical position of said mobile interface unit.

Cancel claim 4.

5. (Amended) A portable tracking system according to claim [2] 1 wherein said memory element includes a replaceable portion[, said replaceable portion being capable of] for storing digitized map representations of different playing fields, thus enabling a player to use[s] said mobile interface unit at a plurality of playing fields.

In claim 6, line 1, replace "2" with --1--.

In claim 7, line 1, replace "2" with --1--.

In claim 8, line 1, replace "2" with --1--.

In claim 9, line 1, replace "2" with --1--.

In claim 10, line 3, before "processor" insert --data--.

11. (Amended) A portable distance tracking system according to claim 9 wherein said memory element includes means for storing a plurality of said digitized map representations and said system includes means for [processing] correlating said geographical location with said digitized map representations to [position indicative signals to] automatically determine which particular golf course a golfer has selected to play, said processor includes means for accessing said digitized map representation for said particular golf course in response to said determination, and said display includes means for displaying an identification code associated with said particular golf course.

In claim 19, line 2, after "selected" delete "hole".